

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 920010.535	APPLICATION NO. 09/088,951
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANTS Martin A. Cheever and Mary L. Disis	
				FILING DATE June 2, 1998	GROUP ART UNIT 1642

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA	AA	4,205,130	05/27/80	Vihko	435	196	—
	AB	4,267,272	05/12/81	Josephson	435	7	—
	AC	4,510,239	04/09/85	Miller et al.	435	7	—
	AD	5,719,030	02/17/98	Kuroiwa et al.	435	7.1	—
	AE	5,738,867	04/14/98	Spitler	424	450	—
	AF	5,925,362	07/20/99	Spitler et al.	424	277.1	—
	AG	5,976,546	11/02/99	Laus et al.	424	192.1	—

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AH	CA 1 185 525	04/16/85	Canada	—	—
	AI	WO 95/04548	02/16/95	PCT	—	—
	AJ	WO 98/46769	10/22/98	PCT	—	—

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

SA	AK	Bakker et al., "Melanocyte Lineage-specific Antigen gp100 Is Recognized by Melanoma-derived Tumor-infiltrating Lymphocytes," <i>The Journal of Experimental Medicine</i> 179:1005-1009, 1994.
	AL	Baselga et al., "Phase II Study of Weekly Intravenous Recombinant Humanized Anti-p185-HER2 Monoclonal Antibody in Patients With HER2/neu-Overexpressing Metastatic Breast Cancer," <i>Journal of Clinical Oncology</i> 14(3):737-744, 1996.
	AM	Ben-Mahrez et al., "Circulating Antibodies Against C-MYC Oncogene Products In Sera Of Colorectal Cancer Patients," <i>Int. J. Cancer</i> 46:35-38, 1990.
	AN	Berchuck et al., "Overexpression of HER-2/neu Is Associated with Poor Survival in Advanced Epithelial Ovarian Cancer," <i>Cancer Research</i> 50:4087-4091, 1990.
	AO	Bernards et al., "Effective tumor immunotherapy directed against an oncogene-encoded product using a vaccinia virus vector," <i>Proc. Natl. Acad. Sci. USA</i> 84:6854-6858, 1987.
	AP	Cheever et al., "Specific Adoptive Therapy Of Established Leukemia With Syngeneic Lymphocytes Sequentially Immunized In Vivo And In Vitro And Nonspecifically Expanded By Culture With Interleukin 2," <i>The Journal Of Immunology</i> 126(4):1318-1322, 1981.

EXAMINER

Mary G. Gamble

DATE CONSIDERED

3/1 5/28/05

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KA See	AA	Disis and Cheever, "HER-2/neu Protein: A Target for Antigen-Specific Immunotherapy of Human Cancer," <i>Advances in Cancer Research</i> 71:343-371, 1997.				
	AB	Disis et al., "Existent T-Cell and Antibody Immunity to HER-2/neu Protein in Patients with Breast Cancer," <i>Cancer Research</i> 54:16-20, 1994.				
	AC	Disis et al., "Immunity to the HER-2/neu oncogenic protein," in <i>Vaccines Against Virally Induced Cancers</i> , John Wiley & Sons, Chichester, 1994, CIBA Foundation Symposium 187, pp. 198-211.				
	AD	Disis et al., "Peptide-Based, but Not Whole Protein, Vaccines Elicit Immunity to HER-2/neu, an Oncogenic Self Protein," <i>The Journal of Immunology</i> 156:3151-3158, 1996.				
	AE	Disis et al., "Immunization with Homologous Foreign Proteins Generates Immunity Against "Self" Tumor Antigens," <i>The FASEB Journal Abstracts</i> 10(6):p. A1470, Abstract No. 2709, 1996.				
	AF	Fisk et al., "Identification of an Immunodominant Peptide of HER-2/neu Protooncogene Recognized by Ovarian Tumor-specific Cytotoxic T Lymphocyte Lines," <i>J. Exp. Med.</i> 181:2109-2117, 1995.				
	AG	Gaugler et al., "Human Gene MAGE-3 Codes for an Antigen Recognized on a Melanoma by Autologous Cytolytic T Lymphocytes," <i>J. Exp. Med.</i> 179:921-930, 1994.				
	AH	Gusterson et al., "Prognostic Importance of c-erbB-2 Expression in Breast Cancer," <i>Journal of Clinical Oncology</i> 10(7):1049-1056, 1992..				
	AI	Houghton, "Cancer Antigens: Immune Recognition of Self and Altered Self," <i>J. Exp. Med.</i> 180:1-4, 1994.				
	AJ	Katsumata et al., "Prevention of breast tumor development <i>in vivo</i> by downregulation of the p185 ^{neu} receptor," <i>Nature Medicine</i> 1(7):644-648, 1995.				
	AK	Kawakami et al., "Identification of the Immunodominant Peptides of the MART-1 Human Melanoma Antigen Recognized by the Majority of HLA-A2-restricted Tumor Infiltrating Lymphocytes," <i>The Journal of Experimental Medicine</i> 180:347-352, 1994.				

EXAMINER	<i>John A. Gamble</i>	DATE CONSIDERED
3/1/05 5/25/05		

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KAC See	AA	Kern et al., "p185 ^{neu} Expression in Human Lung Adenocarcinomas Predicts Shortened Survival," <i>Cancer Research</i> 50:5184-5191, 1990.				
	AB	Mahi-Brown et al., "The cellular immune response to immunization with zona pellucida antigens," <i>Journal of Reproductive Immunology</i> 21:29-46, 1992.				
	AC	Mamula et al., "Breaking T Cell Tolerance With Foreign-And Self CO-Immunogens. A Study of Autoimmune B and T Cell Epitopes of Cytochrome c," <i>The Journal of Immunology</i> 149(3):789-195, 1992.				
	AD	Mamula, "The Inability to Process a Self-Peptide Allows Autoreactive T Cells to Escape Tolerance," <i>J. Exp. Med.</i> 177:567-571, 1993.				
	AE	Matyas et al., "OncoVax PTM vaccine for prostate cancer induces immune responses to prostate specific antigen in prostate cancer patients," <i>Proceedings of the American Association for Cancer Research Annual Meeting</i> 40: 576-577, 1999.				
	AF	Naftzger et al., "Immune response to a differentiation antigen induced by altered antigen: A study of tumor rejection and autoimmunity," <i>Proc. Natl. Acad. Sci. USA</i> 93:14809-14814, 1996.				
	AG	Nanda and Sercarz, "Induction of Anti-Self-Immunity to Cure Cancer," <i>Cell</i> 82:13-17, 1995.				
	AH	Peoples et al., "Breast and ovarian cancer-specific cytotoxic T lymphocytes recognize the same HER2/neu-derived peptide," <i>Proc. Natl. Acad. Sci. USA</i> 92:432-436, 1995.				
	AI	Schlichtholz et al., "The Immune Response to p53 in Breast Cancer Patients Is Directed against Immunodominant Epitopes Unrelated to the Mutational Hot Spot," <i>Cancer Research</i> 52:6380-6384, 1992.				
	AJ	Skinner et al., "Characterization of antigenicity and immunogenicity pattern of native and recombinant zona pellucida proteins in the white-tailed deer (<i>Odocoileus virginianus</i>)," <i>Journal of Reproduction and Fertility</i> 101:295-303, 1994.				
	AK	Slamon et al., "Human Breast Cancer: Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene," <i>Science</i> 235: 177-182, 1987.				
	AL	Takahashi et al., "Antibody to ras Proteins in Patients with Colon Cancer," <i>Clinical Cancer Research</i> 1:1071-1077, 1995.				

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<i>Mac Ser</i>	AA	Talmadge et al., "Preclinical evaluation of OncoVax-P a prostate cancer vaccine," <i>Proceedings of the American Association for Cancer Research Annual Meeting</i> 37: p. 477, 1996.
<i>Mac Ser</i>	AB	Yonemura et al., "Evaluation of Immunoreactivity for erb-B-2 Protein as a Marker of Poor Short Term Prognosis in Gastric Cancer," <i>Cancer Research</i> 51:1034-1038, 1991.
	AC	
	AD	
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EXAMINER	<i>J. S. Grunberg</i>	DATE CONSIDERED
<i>31/00 5/25/05</i>		
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